01-A

Cunningham Radiotron
RCA-01-A

DETECTOR, AMPLIFIER

Filament	Thoriated Tungsten	
Voltage	5.0	d-c volts
Current	0.25	amp.
Direct Interelectrode Capacitances:		
Grid to Plate	8.1	μμf
Grid to Filament	3.1	μμf
Plate to Filament	2.2	μμf
Maximum Overall Length		4-11/16"
Maximum Diameter		1-13/16"
Bulb		ST-14
Base		Medium 4-Pin Bayonet

Pin 1-Filament+ | Pin 2-Plate | Pin 3-Grid | Pin 4-Filament-

BOTTOM VIEW

AMPLIFIER (Class A)

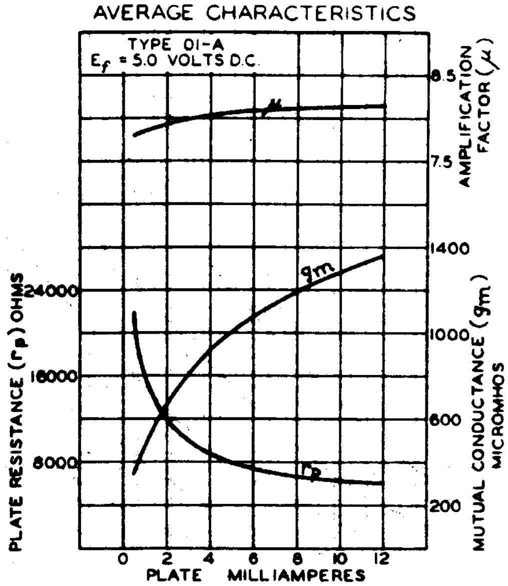
Operating Conditions and Characteristics:

Filament	5.0	5.0	d-c volts
Plate	90	135 max.	volts
Grid	-4.5	-9	volts
Amp. Fact.	8	8	
Plate Res.	11000	10000	ohms
Mut. Cond.	725	800	μmhos
Plate Cur.	2.5	3	ma.

DETECTOR

Typical Operation:	*Biased*		*Grid-Leak*	
Filament	5.0	5.0	5.0	d-c volts
Plate	90	135max.	45	volts
Grid (approx.)	-7.5	-13.5	Return to (+)Fil.	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal		-	
Grid Leak	-	-	0.25 to 5	megohms
Grid Condenser	-	-	0.00025	μf

AVERAGE CHARACTERISTICS



MAY 1, 1935 | DATA

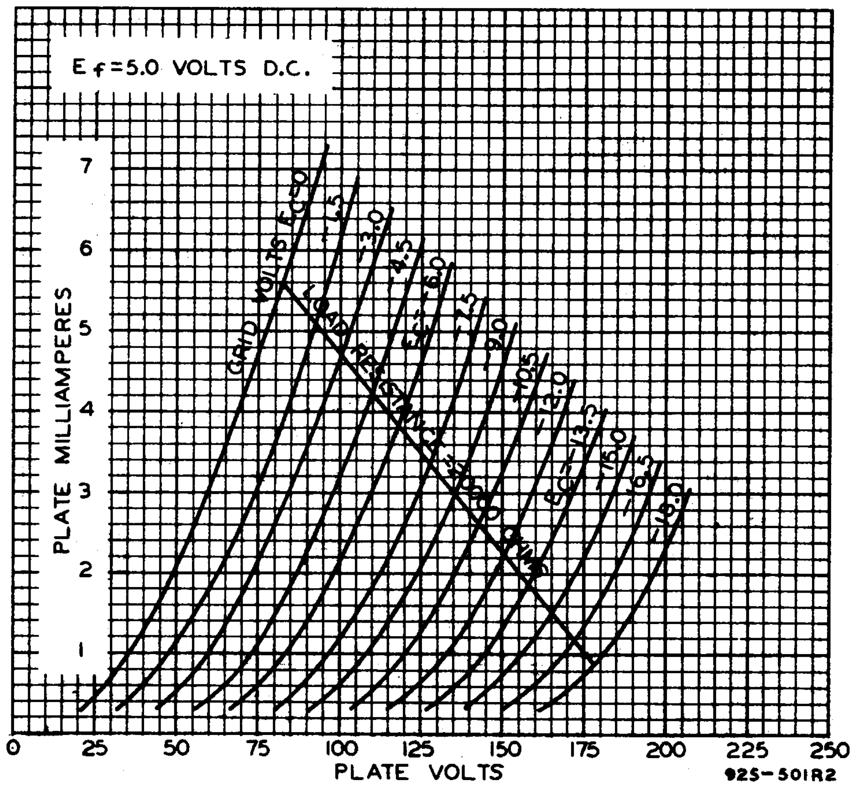
RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY INC.

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AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS

